This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images, please do not report the images to the Image Problem Mailbox.

~~200207642~~

New U.S. Application
Docket No. 32860-000558/US

Abstract

~~Method for exchanging detector modules in an X-ray detector in a computer tomograph~~

~~The invention relates to a~~A method is for exchanging a first detector module (m), in an X-ray detector in a ~~computer~~computed tomograph having a module configuration a_1 for a second detector module (m'~~),~~). T~~where~~ the first detector module has an associated correction table ($T_{S(a,m,x)}$) for eliminating temperature-dependent signal changes, which is dependent on the respective module configuration of the detector and ~~needs to be~~which is recreat~~able~~ed following the exchange of a detector module. F

~~The invention is distinguished in that~~ for the first and second detector modules (m, m') in a detector in a reference ~~computer~~computed tomograph having the module configuration b, a respective correction table ($T_{S(b,m,x)}$, $T_{S(b,m',x)}$) is created. D~~and its~~ differences, preferably only in the area of the channels of the detector module which is to be exchanged, are ascertained. Finally, ~~and~~ the new correction table ($T_{S(a,m',x)}$) for operating the second detector module (m') in the ~~computer~~computed tomograph having the module configuration a is calculated by transferring the ascertained difference values to the old correction table ($T_{S(a,m,x)}$).

~~FIGURE 3~~